



EV 317349155 US

| | | |
|---|---------------------|------------|
| PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 1 of 1 | ATTORNEY DOCKET NO. | SERIAL NO. |
| | 7784-000338 | 10/075,032 |
| | APPLICANT | |
| | Brinkley et al | |
| | FILING DATE | GROUP |
| February 12, 2002 | 2681 | |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|---------------------|--|------------|----------------|-----------------|------------------------------|
| Ref. Desig. | Examiner's Initials | Document Number | Date | Name | Class/ Subclass | (If appropriate) Filing Date |
| 1. | S.A. | 3,573,740 | 04/06/1971 | Berger et al | | |
| 2. | | 5,077,671 | 12/31/1991 | Leslie et al | | |
| 3. | | 5,079,707 | 01/07/1992 | Bird et al | | |
| 4. | | 5,307,505 | 04/26/1994 | Houlberg et al | | |
| 5. | | 5,410,478 | 04/25/1995 | Richard et al | | |
| 6. | | 5,970,395 | 10/19/1999 | Weiler et al | | |
| 7. | | 6,278,396 | 08/21/2001 | Tran | | |
| 8. | | 6,353,734 | 03/05/2002 | Wright et al | | |
| 9. | | 6,477,152 | 11/05/2002 | Hiett | | |
| 10. | | U.S. published application No. 2003/003872 | 01/02/2003 | Brinkley et al | | |
| 11. | | 6,559,812 | 05/06/2003 | McCarten et al | | |
| 12. | S.A. | 6,671,589 | 12/30/2003 | Holst et al | | |

| OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) | | |
|--|---------------------|---|
| Ref. Desig. | Examiner's Initials | |
| 13. | S.A. | Article: Data Communications for the Air Transport Industry, C N S Systems, Inc., 3 pages; http://www.cnssys.com/ATC-Data-Comm.html |

| | |
|---------------------------------|---------------------------|
| Examiner: <i>Shaima Q. Uyaz</i> | Date Considered: 11-24-04 |
|---------------------------------|---------------------------|

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



HDP-1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Sheet 1 of 2

ATTORNEY DOCKET NO.

7784-000338

SERIAL NO.

10/075,032

APPLICANT

Brinkley, et al.

RECEIVED

FILING DATE

February 12, 2002

GROUP

MAY 16 2003

2681 Technology Center 2600

U.S. PATENT DOCUMENTS

| Ref. Desig. | Examiner's Initials | Document Number | Date | Name | Class/ Subclass | (If appropriate) Filing Date |
|-------------|---------------------|----------------------------|-------------------------|--------------|-----------------|------------------------------|
| 1. | S.A. | Pub. No. US2002/0111720 | Pub. Date 08/15/2002 | Holst et al. | 701/3 | 01/04/2002 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| Ref. Desig. | Examiner's Initials | Document Number | Date | Country | Class/ Subclass | Translation Yes | No |
|-------------|---------------------|-----------------|------|---------|-----------------|-----------------|----|
| | | | | | | | |

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

| Ref. Desig. | Examiner's Initials | |
|-------------|---------------------|--|
| | | |
| | | |
| | | |

Express Mail No. EV282740823US

EV 282740823 US

Examiner:

Shaima B. Aziz

Date Considered: 11-24-04

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

Sheet 1 of 1

ATTORNEY DOCKET NO.

7784-000338

SERIAL NO.

10/075,032

APPLICANT

Brinkley, et al.

FILING DATE

February 12, 2002

GROUP

2681

U.S. PATENT DOCUMENTS

| Ref. Desig. | Examiner's Initials | Document Number | Date | Name | Class/ Subclass | (If appropriate) Filing Date |
|-------------|---------------------|-----------------|------------|----------------|-----------------|------------------------------|
| 1. | S.A. | 3,573,740 | 07/03/1968 | Berger, et al. | 340/172.5 | 07/03/1998 |
| 2. | S.A. | 5,077,671 | 12/31/1991 | Leslie, et al. | 364/424.03 | 07/05/1989 |
| 3. | S.A. | 6,047,165 | 04/04/2000 | Wright, et al. | 455/66 | 11/14/1995 |
| | | | | | | |
| | | | | | | |

RECEIVED

SEP 18 2002

Technology Center 2600

FOREIGN PATENT DOCUMENTS

| Ref. Desig. | Examiner's Initials | Document Number | Date | Country | Class/ Subclass | Translation Yes | No |
|-------------|---------------------|-----------------|------|---------|-----------------|-----------------|----|
| | | | | | | | |

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

| Ref. Desig. | Examiner's Initials | |
|-------------|---------------------|--|
| | | |
| | | |
| | | |

Express Mail No. EV034132853US

Examiner:

Sharon Q. Olynn

Date Considered:

11-24-04

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

| | |
|------------------------|-------------------|
| Application Number | |
| Filing Date | |
| First Named Inventor | Roger R. Brinkley |
| Group Art Unit | |
| Examiner Name | |
| Attorney Docket Number | 7784-000338 |

JC828 U.S. PTO
 10/075032
 02/12/02

U.S. PATENT DOCUMENTS

| Examiner Initials * | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|------------------------|--------------------------|----------------------|--------------------------------------|--|--|---|
| | | Number | Kind Code ² (if known) | | | |
| S.A. | | 6,181,990 | B1 | Grabowsky et al. | 01-30-2001 | |
| | | 6,173,159 | B1 | Wright et al. | 01-09-2001 | |
| | | 6,167,239 | | Wright et al. | 12-26-2000 | |
| | | 6,167,238 | | Wright | 12-26-2000 | |
| | | 6,163,681 | | Wright et al. | 12-19-2000 | |
| | | 6,160,998 | | Wright et al. | 12-12-2000 | |
| | | 6,154,637 | | Wright et al. | 11-28-2000 | |
| | | 6,154,636 | | Wright et al. | 11-28-2000 | |
| | | 6,148,179 | | Wright et al. | 11-14-2000 | |
| | | 6,108,523 | | Wright et al. | 08-22-2000 | |
| | | 6,104,914 | | Wright et al. | 08-15-2000 | |
| | | 6,047,165 | | Wright et al. | 04-04-2000 | |
| | | 5,841,969 | | Fye | 11-24-1998 | |
| | | 5,805,828 | | Lee et al. | 09-08-1998 | |
| | | 5,761,625 | | Honcik et al. | 06-02-1998 | |
| S.A. | | 5,428,650 | | Pitot | 06-27-1995 | |
| | | 5,424,949 | | Applegate et al. | 06-13-1995 | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ₆ |
|------------------------|--------------------------|-------------------------|---------------------|--------------------------------------|---|--|--|----------------|
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| | | | |
|-----------------------|------------------------------|--------------------|----------|
| Examiner Signature | <i>Shaima Q. [Signature]</i> | Date Considered | 11-24-04 |
|-----------------------|------------------------------|--------------------|----------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

| | | | |
|---|---|--------------------------|-------------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Complete if Known | |
| | | Application Number | |
| | | Filing Date | |
| | | First Named Inventor | Roger R. Brinkley |
| | | Group Art Unit | |
| | | Examiner Name | |
| Sheet | 2 | of | 2 |
| | | Attorney Docket Number | 7784-000338 |

| OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS | | | |
|---|--------------------------|---|----------------|
| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| S.A. | | Clarke, "Pacer CRAG, Command's KC-135 receiving avionics navigation upgrades," Citizen Airman, February 1999 | |
| | | "KC-135R Stratotanker, Pacer CRAG (Compass, Radar and GPS)," GlobalSecurity.org, 2001, 2002 | |
| | | "SATCOM-6000 Satellite Communications System," Rockwell Collins, Inc., 2000 | |
| | | "Databus Tutorial," Ballard Technology, Inc., 1997-2001 | |
| S.A. | | "Wireless Groundlink(TM)," Teledyne Controls, Inc., 1999-2002 | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| | | | |
|-----------------------|--|--------------------|----------|
| Examiner Signature | | Date Considered | 11-24-04 |
|-----------------------|--|--------------------|----------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.